

## RK-30VSD

116 Psi

460 V

60 hZ

3 ph

### GENERAL DATA

Nominal Working Pressure	8 bar	116 Psi
Mecchanical Motor Power	18,5 kW	25,0 Hp
Max ambient temperature	45 °C	113 °F
Min ambient temperature	5 °C	41 °F
Screw model	KV 110	
Rotor dimension	111,3 mm	Outside main diameter 4,4 Inch

### WORKING DATA

F.A.D. Max	2950 l/min	2,95 m3/min	177,0 m3/h	104,2 CFM
F.A.D. Min	700 l/min	0,70 m3/min	42,0 m3/h	24,7 CFM
Total power Max at full load	21,4 kW			
Total power Min at full load	6,8 kW			
Total power at no load	3,6 kW			
Min rotor speed	900 rpm			
Max rotor speed	3439 rpm			
Noise level	66 dB/(A)			

### MAIN MOTOR

Driving System (Electric)	Inverter Drive		
Power Transmission	Direct		
Nominal motor power	18,5 kW	25,0 Hp	
N° Poles	2		
Max Motor Speed	3516 rpm		
Service factor	1,15		
Efficiency	IE3-92,4 %		
Form factor	B35		
Protection	IP 55		

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## COOLING SYSTEM

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Fan motor power	440 Watt
Fan motor speed	1260 rpm
Protection	IP 54 class
Insulation Class	F
Cooling air flow	4800 m <sup>3</sup> /h

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## LUBRICATION

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Oil quantity	12,0 Lt	3,2 Gal
Type oil	OIL SCREW PLUS 46	
Residual oil	≤ 3 ÷ 5 ppm	

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## MACHINE DIMENSIONS AND WEIGHT

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W x D x H	166 x 76 x 142 cm	65,4 x 29,9 x 55,9 Inch
Weight	556 Kg	1225,4 Lbs
Outlet air diameter	G 1 1/4"	

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## PACKAGE DIMENSIONS AND WEIGHT

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W x D x H	202 x 85 x 190 cm	79,5 x 33,5 x 74,8 Inch
Weight	594 Kg	1308,1 Lbs

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